

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for packing agricultural produce comprising the steps of:

providing a container having at least one communications aperture formed in a wall thereof;

providing at least one flexible controlled permeability bag within said container;

providing at least one bag aperture in said at least one flexible controlled permeability bag in general registration with said at least one communications aperture;

sealing said produce inside said at least one flexible controlled permeability bag within said container, while leaving said at least one bag aperture and said at least one communications aperture open;

providing atmosphere treatment within said at least one bag via said at least one bag aperture and said at least one communications aperture; and

sealing at least one aperture selected from the group consisting of said at least one bag aperture and said at least one communications aperture.

2. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises vacuum cooling.

3. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises fumigation.

4. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises gas treatment.

5. (Original) A method for packing agricultural produce according to claim 2 and wherein said atmosphere treatment comprises fumigation.

6. (Original) A method for packing agricultural produce according to claim 2 and

wherein said atmosphere treatment comprises gas treatment.

7. (Original) A method for packing agricultural produce according to claim 3 and wherein said atmosphere treatment comprises gas treatment.

8. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said at least one communications aperture formed in a wall thereof is formed in a sealing layer ~~adhered~~ attached to a wall of said carton.

9. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said flexible controlled ~~vapor selective~~ permeability bag comprises a gas ~~impermeable~~ permeable bag.

10. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said flexible controlled ~~vapor selective~~ permeability bag comprises a gas permeable bag having selected permeability characteristics adapted to a given type of produce.

11. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said providing at least one bag aperture in said flexible controlled permeability bag in general registration with said at least one communications aperture comprises:

inserting said bag into said container;

at least partially filling said bag with said produce;

attaching ~~adhering~~ said bag to said container adjacent said at least one communications aperture; and

forming an aperture in ~~aperturing~~ said bag generally in registration with said at least one communications aperture.

12. (Currently Amended) A method for packing agricultural produce according to claim 8 and wherein said providing at least one bag aperture in said flexible controlled permeability bag in general registration with said at least one communications aperture

comprises:

inserting said bag into said container;
at least partially filling said bag with said produce;
~~attaching~~ adhering said bag to said container adjacent said at least one communications aperture; and
~~forming an aperture in~~ aperturing said bag and said sealing layer in a single operation.

13. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said sealing at least one of ~~said at least one bag aperture and said at least one communications aperture~~ comprises attaching an adhesive sticker over said at least one communications aperture from the outside of said container.

14. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said flexible controlled ~~gas selective permeability~~ bag comprises a gas ~~impermeable~~ permeable bag.

15. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said flexible controlled ~~gas selective permeability bag~~ permeability bag comprises a gas selective permeability bag having selected permeability characteristics adapted to a given type of produce.

16. (Currently Amended) A method for packing agricultural produce according to claim 1 and wherein said sealing at least one of ~~said at least one bag aperture and said at least one communications aperture~~ comprises attaching a cap over said at least one communications aperture from the outside of said container.

17. (Currently Amended) A system for packing agricultural produce comprising:
at least one container having at least one communications aperture formed in a wall thereof;
at least one flexible controlled permeability bag within said container, said at least one bag having an aperture in general registration with said at least one

communications aperture and being adapted for containing said produce inside said at least one flexible controlled permeability bag within said container, while leaving said at least one bag aperture and said at least one communications aperture open;

treatment functionality, operative for providing atmosphere treatment within said at least one bag via said at least one bag aperture and said at least one communications aperture; and

sealing functionality for sealing at least one aperture selected from the group consisting of said at least one bag aperture and said at least one communications aperture.

18. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises vacuum cooling.

19. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises fumigation.

20. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises gas treatment.

21. (Original) A system for packing agricultural produce according to claim 18 and wherein said atmosphere treatment also comprises fumigation.

22. (Original) A system for packing agricultural produce according to claim 18 and wherein said atmosphere treatment also comprises gas treatment.

23. (Original) A system for packing agricultural produce according to claim 19 and wherein said atmosphere treatment also comprises gas treatment.

24. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said at least one communications aperture formed in a wall thereof is formed in a sealing layer attached ~~adhered~~ to a wall of said carton.

25. (Original) A system for packing agricultural produce according to claim 17 and wherein said flexible controlled permeability bag comprises a modified atmosphere bag.

26. (Original) A system for packing agricultural produce according to claim 17 and wherein said flexible controlled permeability bag comprises a gas permeable bag having selected permeability characteristics adapted to a given type of produce.

27. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said at least one bag aperture is formed in said flexible controlled permeability bag in general registration with said at least one communications aperture by the following functionality:

inserting said bag into said container;

at least partially filling said bag with said produce;

attaching ~~adhering~~ said bag to said container adjacent said at least one communications aperture; and

forming an aperture in ~~aperturing~~ said bag generally in registration with said at least one communications aperture.

28. (Currently Amended) A system for packing agricultural produce according to claim 26 and wherein said at least one bag aperture is formed in said flexible controlled permeability bag in general registration with said at least one communications aperture by the following functionality:

inserting said bag into said container;

at least partially filling said bag with said produce;

attaching ~~adhering~~ said bag to said container adjacent said at least one communications aperture; and

forming an aperture in ~~aperturing~~ said bag generally in registration with said at least one communications aperture.

29. (Currently Amended) A system for packing agricultural produce according to claim 17 and wherein said sealing at least one of said at least one bag aperture and said at least one communications aperture is effected by the following functionality:

attachment of an adhesive sticker over said at least one communications aperture from the outside of said container.

30-33. (Cancelled)